

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

ATTORNEYS AT LAW

HOO NEW YORK AVENUE, N.W. . WASHINGTON, D.C. 20005-3934

PHONE: (202) 371-2600 . FACSIMILE: (202) 371-2540 . www.skgf.com

DUPLICATE

ROBERT GREENE STERN EDWARD J. KESSLER JORGE A. GOLDSTEIN SAMUEL L. FOX***
DAVID K.S. CORNWELL ROBERT W. ESMOND TRACY-GENE G. DURKIN MICHELE A. CIMBALA MICHAEL B. RAY ROBERT E. SOKOHL ERIC K. STEFFE MICHAEL Q. LEE STEVEN R. LUDWIG

JOHN M. COVERT LINDA E. ALCORN ROBERT C. MILLONIG MICHAEL V. MESSINGER JUDITH U. KIM TIMOTHY J. SHEA, JR. PATRICK E. GARRETT JEFFREY T. HELVEY* HEIDI L. KRAUS JEFFREY R. KURIN PATRICK D. O'BRIEN LAWRENCE B. BUGAISKY CRYSTAL D. SAYLES EDWARD W. YEE
ALBERT L. FERRO*
DONALD R. BANOWIT
PETER A. JACKMAN
MOLLY A. MCCALL
TERESA U. MEDLER
JEFFREY S. WEAVER
KENDRICK P. PATTERSON
DONALD J. FEATHERSTONE
VINCENT L. CAPUANO
JOHN A. HARROUN*
ALBERT J. FASULO II*
ALBERT J. FASULO II*
ELLDORA ELLISON FLOYD*

W. RUSSELL SWINDELL THOMAS C. FIALA BRIAN J. DEL BUONO* VIRGIL L. BEASTON* RYAN J. STAMPER* REGINALD D. LUCAS* THEODORE A. WOOD ELIZABETH J. HAANES BRUCE E. CHALKER JOSEPH S. OSTROFF KAREN R. MARKOWICZ** SANDREA J. KAMAGE** ANDREA J. KAMAGE**

NANCY J. LEITH**
JOSEPH M. CONRAD, III**
DOUGLAS M. WILSON**
ANN E. SUMMERFIELD**
CYNTHIA M. BOUCHEZ**
HELENE C. CARLSON**
GABY L. LONGSWORTH**
DUSTIN T. JOHNSON**
MATTHEW J. DOWD**
AARON L. SCHWARTZ**

*LIMITED TO MATTERS AND PROCEEDINGS BEFORE FEDERAL COURTS & AGENCIES **REGISTERED PATENT AGENT ***SENIOR COUNSEL

December 3, 2001

OIPE

DEC 03 2001

Commissioner for Patents

WRITER'S DIRECT NUMBER:
(202) 371-2589
INTERNET ADDRESS:
LARRYB@SKGF.COM

ART UNIT 1648

Washington, D.C. 20231

Re:

U.S. Patent Application

Appl. No. 09/482,682; Filed: January 14, 2000

For: Adenovirus Vectors, Packaging Cell Lines, Compositions, and

Methods for Preparation and Use

Inventors: Von Seggern et al.

Our Ref: 1294.0010001/RWE/LBB

Sir:

Transmitted herewith for appropriate action are the following documents:

- 1. SKGF Cover Letter (in duplicate);
- 2. Fee Transmittal (in duplicate);
- 3. Information Disclosure Statement;
- 4. Form PTO-1449 with cited 126 documents;
- 5. SKG&F Check No. **38555** in the amount of \$180.00 for fee under 37 C.F.R. § 1.71(p); and
- 6. Return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

Commissioner for Patents December 3, 2001 Page 2

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036. A duplicate copy of this letter is enclosed.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Lawrence B. Bugaisky

Attorney for Applicants

Registration No. 35,086

LBB/ybh

Enclosures

P:\USERS\YHARRIS\LBB\PTO\129411skgf.tr4

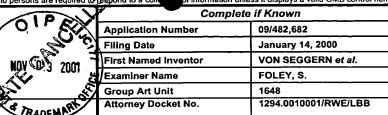
SKGF Rev. 11/01/01 mac

FEE TRANSMITTAL for FY 2002

atent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

(\$)180.00



METHOD OF PAYMENT (check one)			1000	FEE CALCULATION (continued)				
		ITIONAL						
		er is hereby authorized to charge credit any overpayment to:	Large	Entity	Small	Entity		
Deposit Account	9-0036		Fee	Fee (\$)	Fee	Fee (\$)	Fee Description	Fee paid
- Number			Code	(\$)	Code	(\$)	Fee Description	ree parc
Deposit Account Name	ierne, Ke	Kessler, Goldstein & Fox P.L.L.C.	105	130	205	65	Surcharge - late filing fee or oath	
		127	50	227	25	Surcharge - late provisional filing fee or cover sheet		
	☐ Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17			130	139	130	Non-English specification	
Applicant claims small entity status See 37 CFR 1.27			147	2,520	147	2.520	For filing a request for ex parte reexamination	
					-			
500 37 CFR 1.2.	′		112	920*	112	920*	Requesting publication of SIR prior to Examiner action]
K71 ,			113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
2. ⊠Payment Enclos		□ - Mau.	115	440	215	56	Extension for reply within first month	
Check Cr Charge any deficiencies of calculations of Parts 1, 2 a	115	110	215	55	Extension for ropy			
			116	400	216	200	Extension for reply within second month	
FEE CALCULATION			4					
1. BASIC FILING FEI			117 118		217 218			
Large Entity Small	Fee	Fee Description Fee Pald	118	•	228			
	370	1 With Allen for	119		219		Notice of Appeal	——
101 740 201 106 330 206		Utility filing fee	120		220			
107 510 207	255	Plant filing fee	121		221			
108 740 208		Reissue filing fee	138		138			
114 160 214	80	Provisional filing fee	140	110	240	55	Petition to revive - unavoidable	
SUBTOTAL (1) (\$)			141		241			
			- 142		242			
l			143		243		Ĭ.	<u> </u>
			144		244			
			122		122			
2. EXTRA CLAIM FE	ES	Fee from Extra below Fee Paid	123		123			
Total Claims	20** = .	X =	126		126			\$180.00
		: X =	581	1 . 40	481	40	Recording each patent assignment per property (times number of properties)	
Multiple Dependent	-		146	740	246	370	Filing a submission after final rejection (37 CFR 1.129(a))	
Large Entity Small			149	740	249	370	For each additional invention to be examined	
Code (\$) Code	Fee (\$)	Fee Description	179	9 740	279	370	(37 CFR 1.129(b)) Request for Continued Examination (RCE)	
103 18 203	9	Claims in excess of 20 Independent claims in excess of 3					Request for expedited examination of a design	
	42 140	Multiple dependent claim	169	9 900	169	900	application	
	42	**Reissue independent claims over original patent	Other fee	e (specify) :				
110 18 210	18 210 9 **Reissue claims in excess of 20 and over		Other fer	other fee (specify):				
SUB	_ *Reduce	*Reduced by Basic Filing Fee Paid						
** or number previously paid, if greater; For Reissues, see above SUBTOTAL (3) (\$) 180.00								
SUBMITTED BY Complete (if applicable)								
Name (Print/Type) Lawrence B. Bugaisky					tegistratio	n No.	35,086 Telephone 202-3	371-2600

Signature 3 2001 Date



#1/ 12·15·01 · PP

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

VON SEGGERN et al.

Appl. No. 09/482,682

Filed: January 14, 2000

For:

Adenovirus Vectors, Packaging

Cell Lines, Compositions, and Methods for Preparation and Use

Art Unit: 1648

Examiner: Foley, S.

Atty. Docket: 1294.0010001/RWE/LBB

Information Disclosure Statement

Commissioner for Patents Washington, D.C. 20231

Sir:

Listed on accompanying Form PTO-1449 are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98.

In accordance with 37 C.F.R. § 1.98(a)(3), Applicants' undersigned representative submits the following concise explanation of relevance of the non-English language documents based on the English-language abstracts for Documents AM2, AM3, and AN3 cited on Form PTO 1449.

Document AM2, WO 96/22378, is believed to discuss adenovirus with mutations in the fibre protein to alter binding selectivity. An English-language abstract of Document AM3 is provided as Document AT35.

Document AN3, EP 0 892 047, is believed to discuss semaphorin L proteins - used as immunosuppressants and antiinflammatory agents in organ transplants, inflammation therapy, immunotherapy and gene therapy. An English-language abstract of Document AN3 is provided as Document AR36.

12/04/2001 HDEMESS1 00000055 09482682

01 FC:126

180.00 OP

Document AM3, WO 98/44121, is believed to discuss cells for production of recombinant adeno and adeno-associated viruses containing part of the E4 region of adeno virus, used to produce new adeno viruses defective in E1 and E4 regions for use as gene therapy vectors. An English-language abstract of Document AM2 is provided as Document AS35.

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue. Applicants have listed publication dates on the attached PTO-1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith. It is further understood that the Examiner will consider information that was cited or submitted to the U.S. Patent and Trademark Office in a prior application relied on under 35 U.S.C. § 120. 1138 OG 37, 38 (May 19, 1992).

This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before

the mailing date of a Final Rejection, or Notice of Allowance, or an action that otherwise closes prosecution in the application. Attached is our Check No. 33359 in the amount of \$180.00 in payment of the fee under 37 C.F.R. § 1.17(p).

It is respectfully requested that the Examiner initial and return a copy of the enclosed PTO-1449, and indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036. A duplicate copy of this pleading is enclosed.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Lawres B. Bugard

Lawrence B. Bugaisky Attorney for Applicants

Registration No. 35,086

Date: December 3, 2007

1100 New York Avenue, N.W.

Suite 600

Washington, D.C. 20005-3934

(202) 371-2600

P:\USERS\YHARRIS\LBB\Pto\129411.ids SKGF Rev. 4/28/00 mac